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(54) Title: A METHOD OF DETECTION

(57) **Abstract:** The present invention relates to a method of detecting a population of cells or microorganisms in a subject and, more particularly, to a method for qualitatively and/or quantitatively detecting a clonal population of cells or microorganisms in a subject. The method of the present invention is useful in a range of applications including, but not limited to, diagnosing a condition characterised by the presence of a clonal population of cells or microorganisms (such as a neoplastic condition), monitoring the progression of such a condition, predicting the likelihood of a subject's relapse from a remissive state to a disease state or for assessing the effectiveness of existing therapeutic drugs and/or new therapeutic agents.